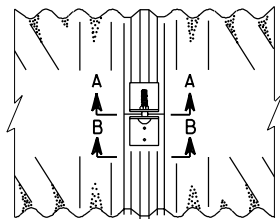
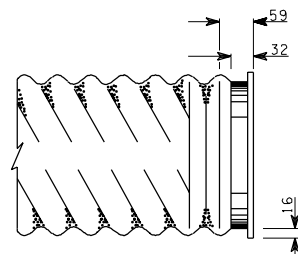


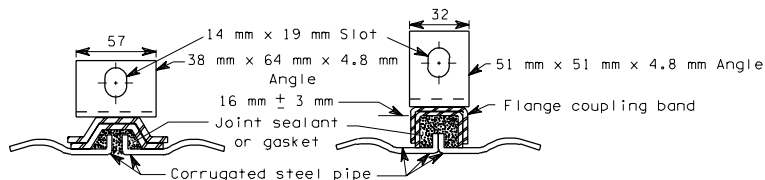
TYPE J
(Bolt and clip fastener)



TYPE J
(Angle fastener)

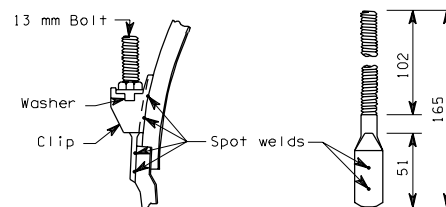


CORRUGATED STEEL PIPE DETAIL

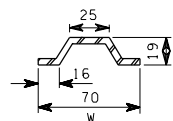


SECTION A-A

SECTION A-A



BOLT DETAIL

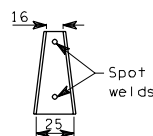


SECTION B-B

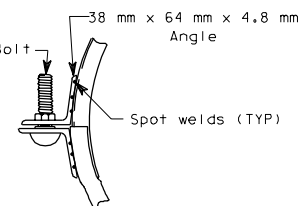
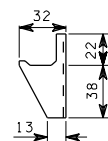
ALTERNATE FLANGE BAND



SECTION B-B



CLIP DETAIL



ANGLE DETAIL

NOTES

1. Gaskets are required with all coupling bands. Gaskets must be furnished by the flange band manufacturer.
2. Two-piece bands are required for pipe with the diameter greater than 1050 mm.
3. Spot welds shall develop minimum required strength of metal. Fillet welds or rivets of equivalent strength may be substituted for spot welds.
4. Pipe corrugations may be helical or annular, except that ends must be as shown in the Corrugated Steel Pipe Detail.

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE NOTED

TYPE J COUPLING BANDS FOR CORRUGATED METAL PIPE

STANDARD PLAN B-13d

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER

DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON